

Program User Guide



St. Augustine's Primary School



Music Learning Package



Program User Guide

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Welcome!

Hello and welcome to St. Augustine's Music Learning Program User Guide. This program is a music-learning package that was designed for children aged 5 to 7 years of age. It has been specifically designed for St. Augustine's Primary School, in that the school crest is included throughout the program. This booklet will tell you key information on how to run the package, how to use it wisely and help with any problems you may encounter.

There are three main features contained within this program;

- **Teaching**

The child can go through a step-by-step learning process, and obtain knowledge about music within the Key Stage 1 (KS1) Music curriculum. Once they have gone through all the learning forms, they should be ready to attempt the next section, which is the assessment section

- **Assessment**

The assessment section consists of different questions and games that determine how much the child is progressing in terms of their musical skills. In general, for each question they answer correctly, they will score one point, and one point will be deducted for an incorrect answer. At the end of the test, a grade is calculated, and the name of child, score and grade are transferred to a certificate that can be printed out.

- **Administration**

A database has been created purposely for this music program. It contains the following tables for teachers to enter data into;

1. Pupils → Details about the pupils need to be entered into this table before the children test the program. Pupils can be added, edited and deleted.

2. Teacher → Teacher details also need to be entered before the program is tested. Teachers can be added, edited and deleted.

3. Results → The results table does not need any data entered into it as the data is automatically transferred from the test to the table when the test is attempted.

4. Question OLE → This table was created to store all the sound questions and their answers, as well as the file path to the sound. Questions can be added, edited and deleted.

5. Question Pic → This table was created to store all the picture questions and their answers, as well as the file path to the picture. Questions can be added, edited and deleted.

Hardware and Software Configuration

Hardware Requirements

- 800 MHz Intel Pentium III CPU
- 15 GB Hard Disk
- 64MB RAM
- CD-Rom Drive
- 17" Colour Monitor
- Mouse
- Standard QWERTY Keyboard
- Headphones (to listen to sounds)

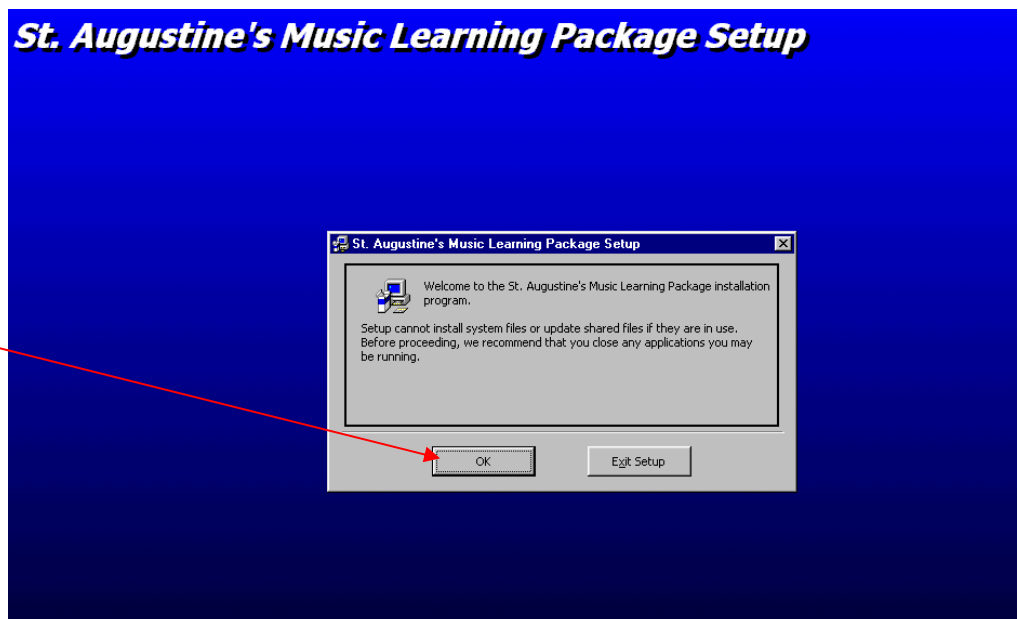
Software Requirements

- Microsoft Visual Basic 6.0 Version
- Microsoft Windows 98 or above
- Microsoft Access 98 or above
- Microsoft Media Player (to play sounds)

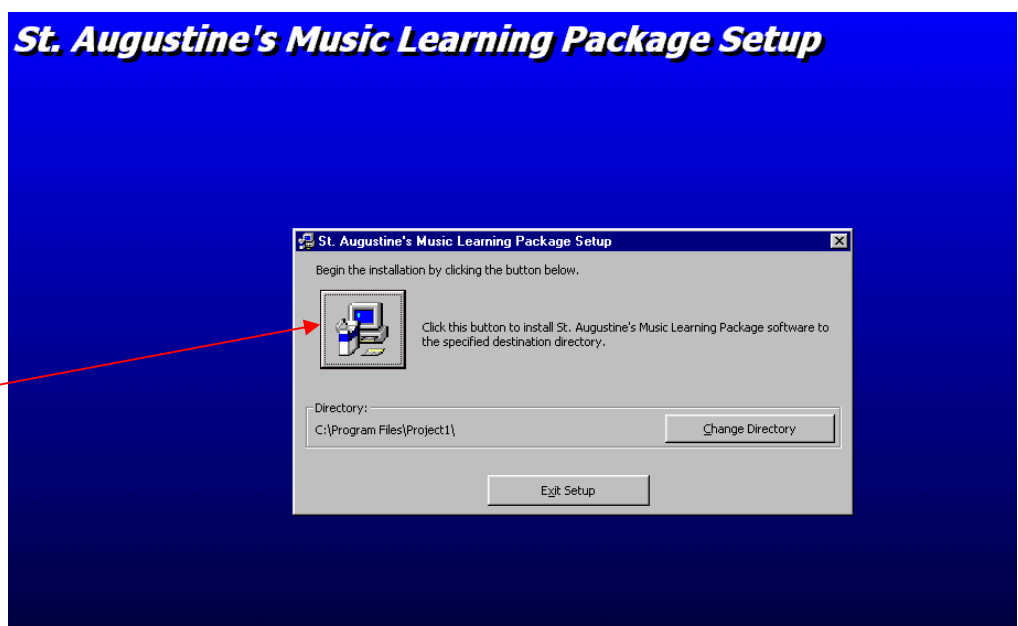
Installation Guide

Here is a step-by-step guide on how to install the program onto your computer system. Please ensure you have read the hardware and software requirements on the previous page, and that your computer meets these requirements.

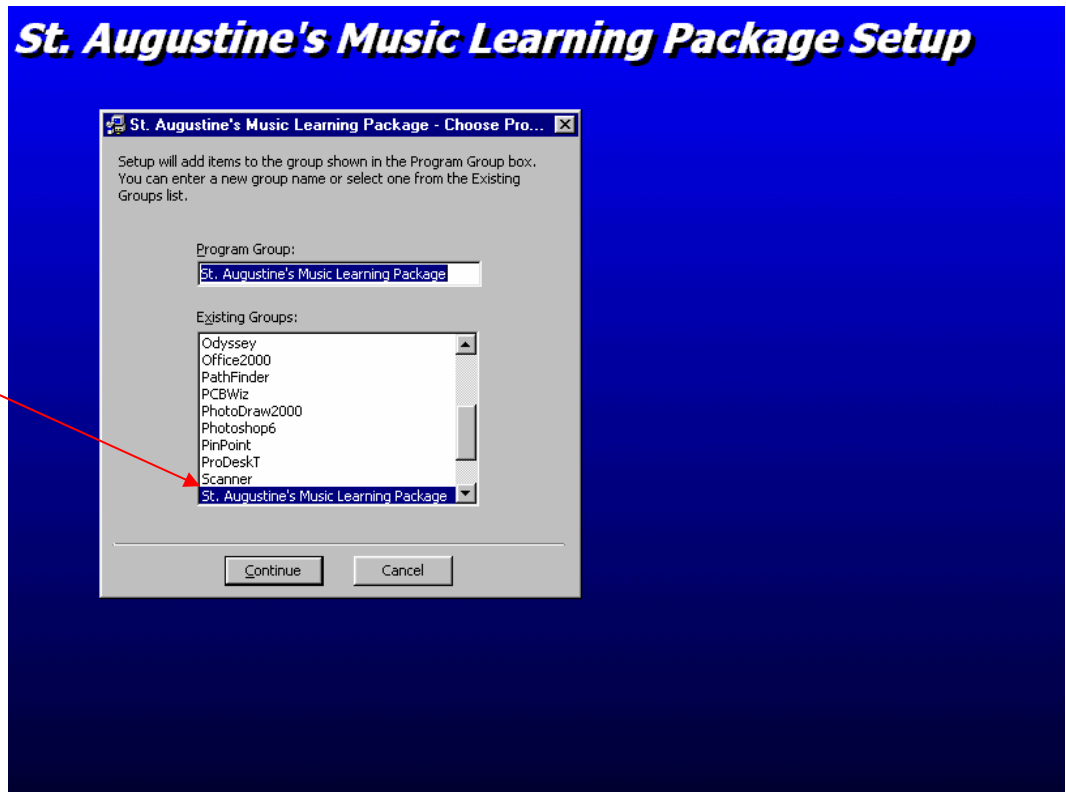
When you insert the CD-ROM into the CD-ROM drive, the setup procedure should automatically run. You will be brought to the following screen;



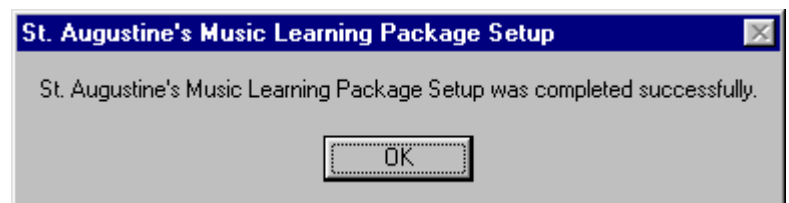
Close all other programs you are running and click OK



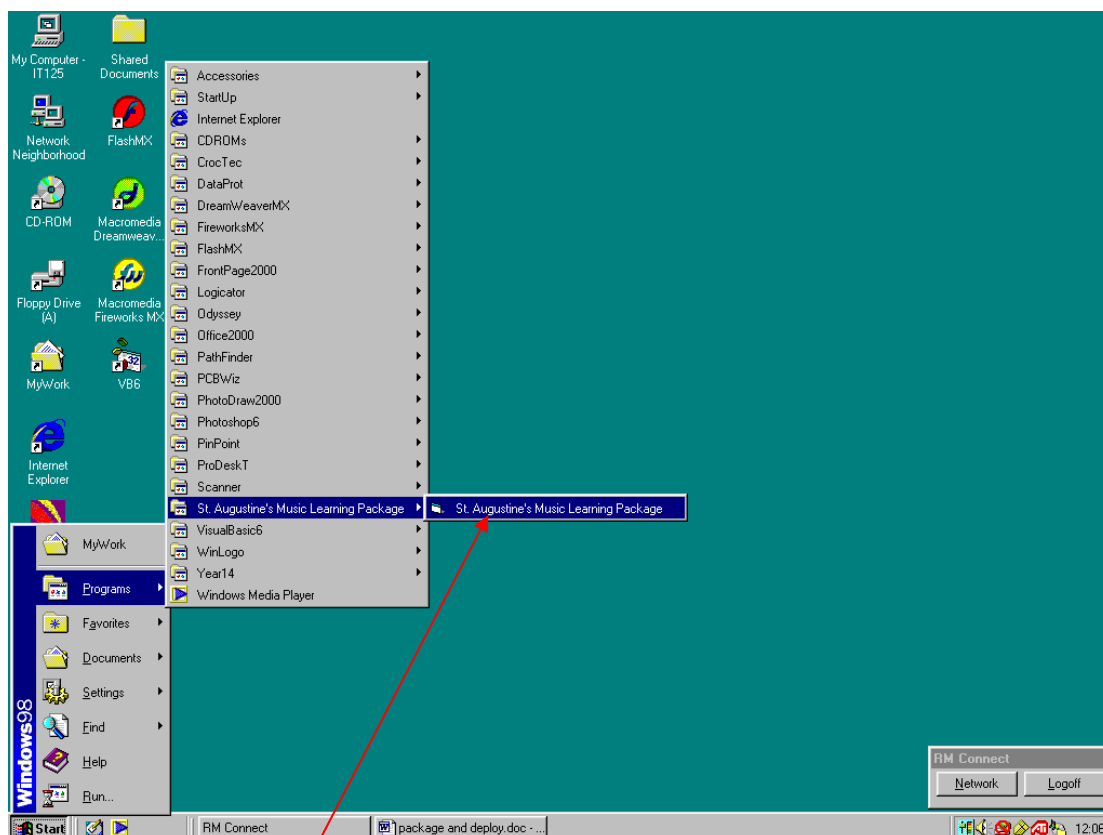
Click on the icon of the computer



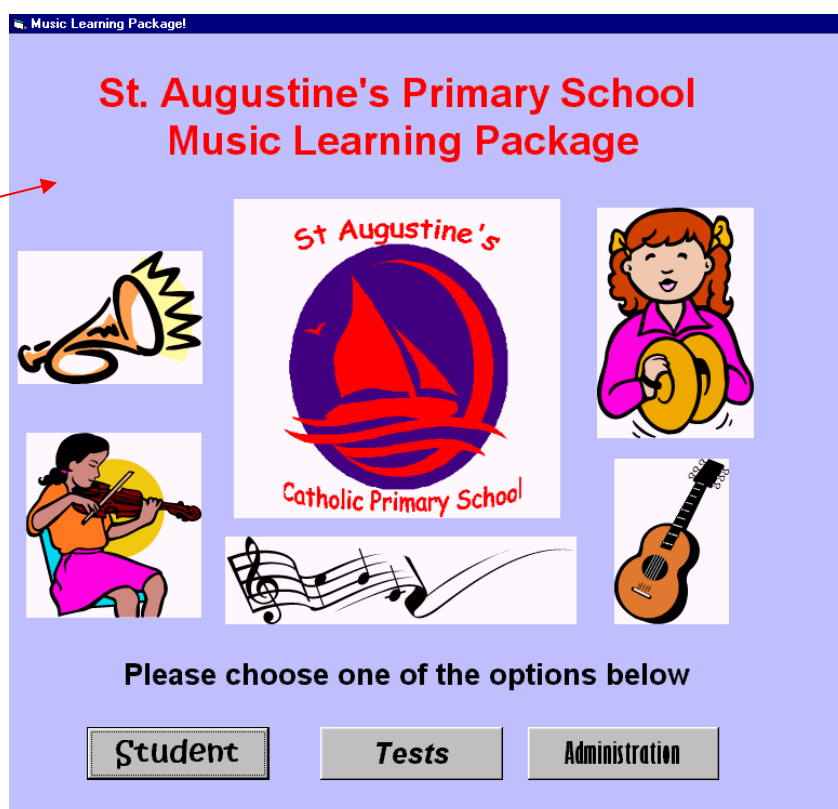
Once you click continue, a message box should pop up informing you that the package was installed successfully



This confirms that the program has been installed onto your computer.
You should now be able to run the package from your Start menu, like this;



Clicking on this menu choice will open the program.

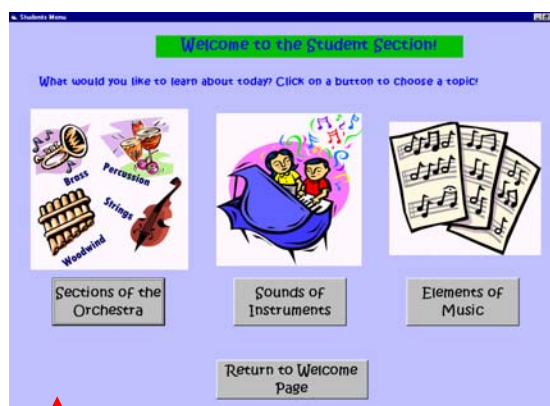


Operating Instructions

For Students

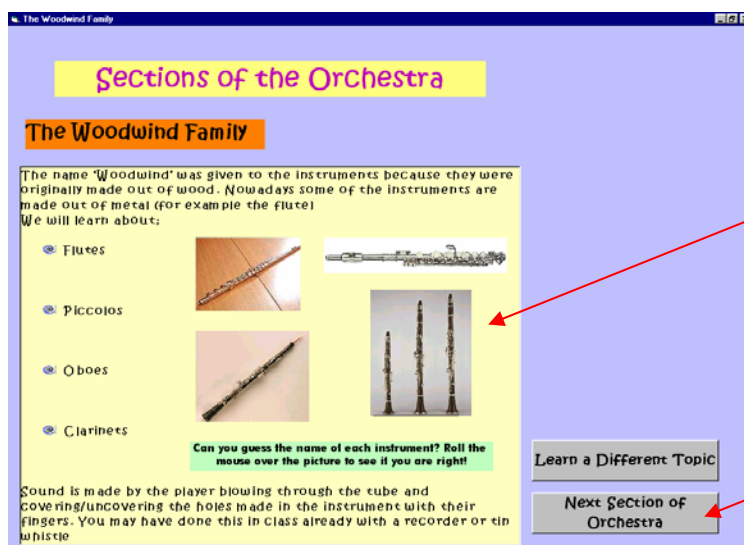
The welcoming page of the program gives the user a choice of selection.

Click on the student button to be brought to the student page



You can now select which topic of music you would like to learn about. Ask your teacher which topic you will be learning about today.

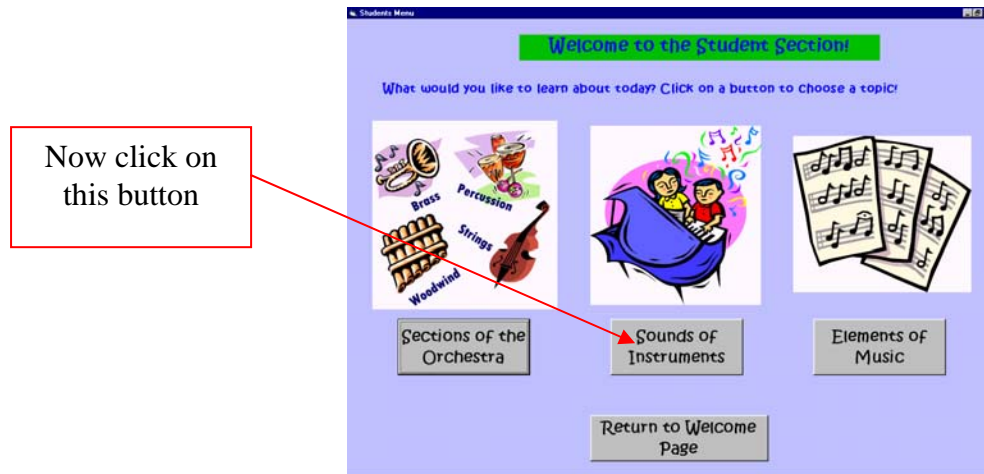
The first learning section is about the Sections of the Orchestra, and the first learning form looks like this;



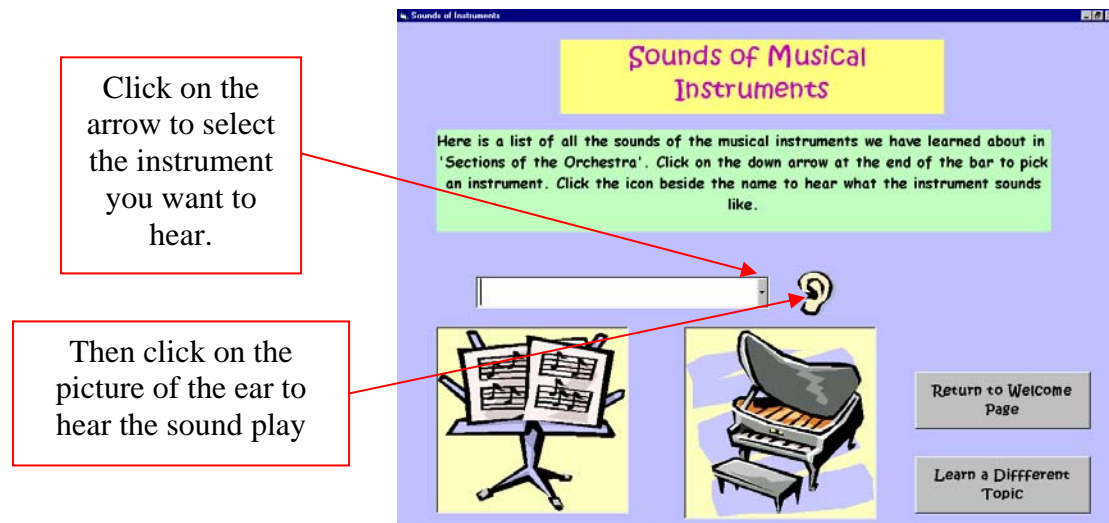
Before you move onto the next page, try to guess the names of the instruments!

Click on this button to be taken to the next section.

Once you have read all the forms on the sections of the orchestra you can return to the student page and select the next topic, which is sounds of instruments



The sound of instruments page is lots of fun to use! You can hear the sounds of all the instruments you learned about in the sections of the orchestra section;

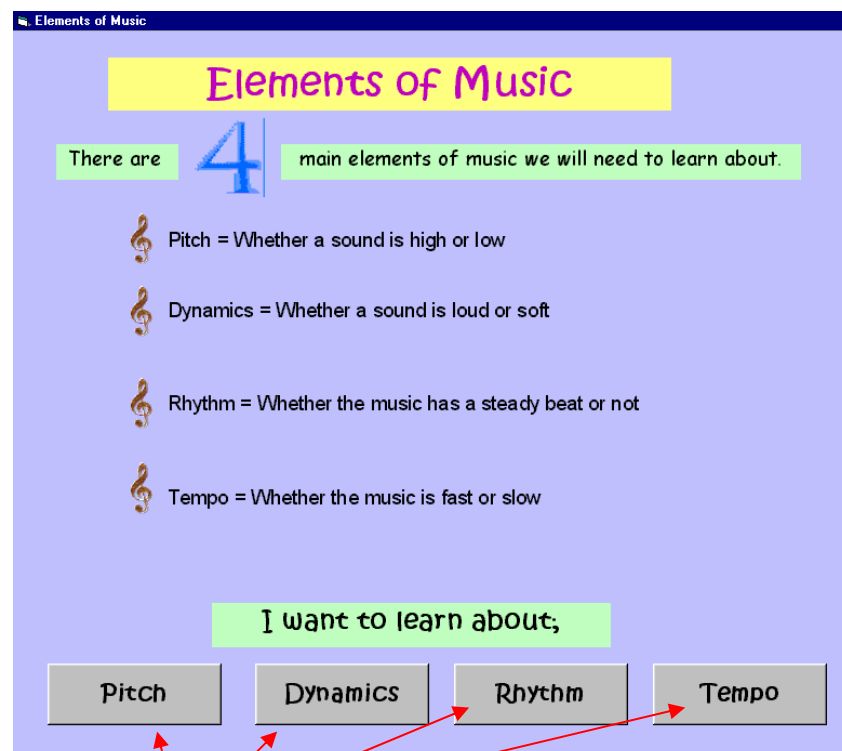


Try and remember the sounds of the instruments because you will need to know them for the test!

The final section you have to learn about is Elements of Music. You can go to this section again using the student's page.



You are now brought to a selection page. You can choose which element of music you can learn about. Ask your teacher what element you are learning about today.



Ask your teacher which topic you will be learning about today and click the correct button.

Remember, you can always click on this button to be brought back to the student page;

Learn a Different Topic

When you come to this question (the last question), ask your teacher if you can attempt the test. If they say yes, click this button on the last question page;

The screenshot shows a window titled "Tempo" with a light blue background. At the top, the word "Tempo" is written in pink. Below it, a green box contains the text: "The tempo of music determines how fast or slow it is played. The higher the tempo value, the faster the music is played. Use the arrows to increase or decrease the tempo. Then click on the sound icon to play the music at that tempo." In the center, a yellow box says "Move the arrow along the Scroll Bar" above a horizontal scroll bar. Below the scroll bar, text says "Click on the ear to hear the music play!" with a pink arrow pointing to a yellow ear icon. On the right, a red box with an arrow pointing to a button says "Click this button to go back to the welcome page". The button is labeled "Return to Welcome Page". Below it is another button labeled "Learn A Different Topic".

Tempo

The tempo of music determines how fast or slow it is played. The higher the tempo value, the faster the music is played. Use the arrows to increase or decrease the tempo. Then click on the sound icon to play the music at that tempo.

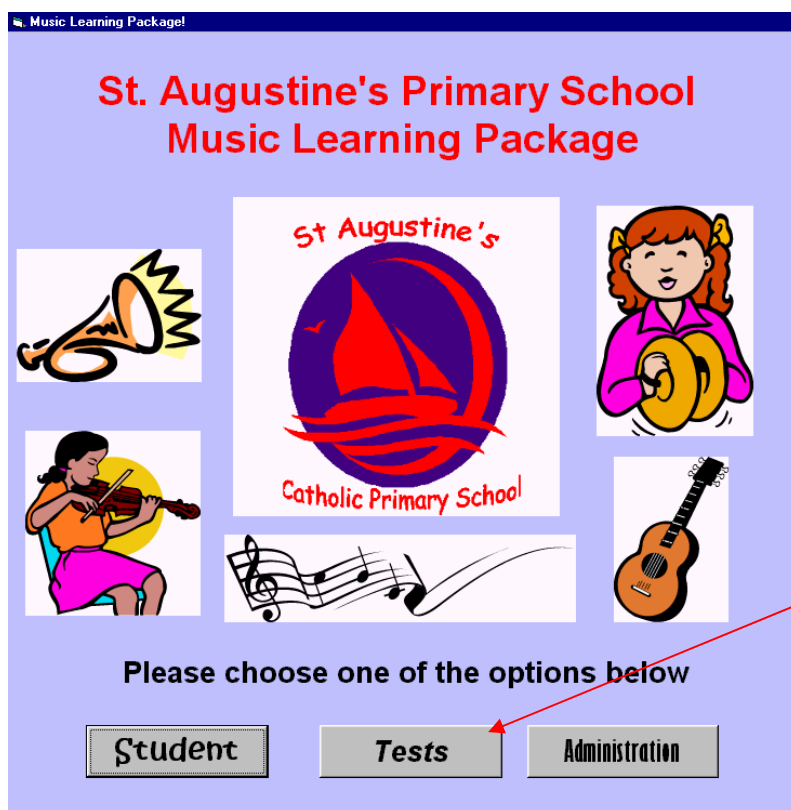
Move the arrow along the Scroll Bar

Click on the ear to hear the music play!

Click this button to go back to the welcome page

Return to Welcome Page

Learn A Different Topic



Now click on this button so you can try the music test

The following window will open;

Select your PupilID from this list. If you are not sure what your PupilID is, ask your teacher. When you have selected this, make sure your name appears on the right

Now ask your teacher for the password. Type it in here carefully and click OK

The 'Who Are You?' window is titled 'Login to Formal Test'. It contains a list of Pupil IDs (100, 101, 102) and a table of user details. Below the table is a password input field and 'OK' and 'Cancel' buttons. Red arrows point from the text boxes to the Pupil ID list, the details table, and the password field.

Are these your details?	
Pupil ID	101
Forename	Mary
Surname	Jones
DOB	16/06/86
Class ID	3A
Contact Number	987654

Please ask your Teacher for Todays Password

OK Cancel

You should be brought to the first question in the test.


Orchestra Test

Sections of the Orchestra Test

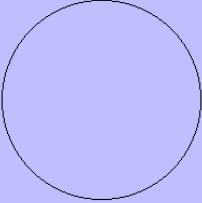
Each of the four circles below are labelled with a Section of the Orchestra. See if you can drag and drop the name of each instrument into the correct circle!

Instrument

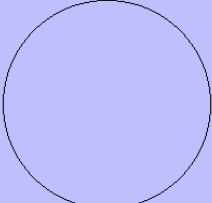
Steel Drum



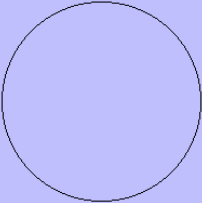
Strings



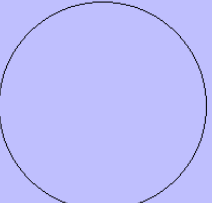
Percussion



Woodwind



Brass

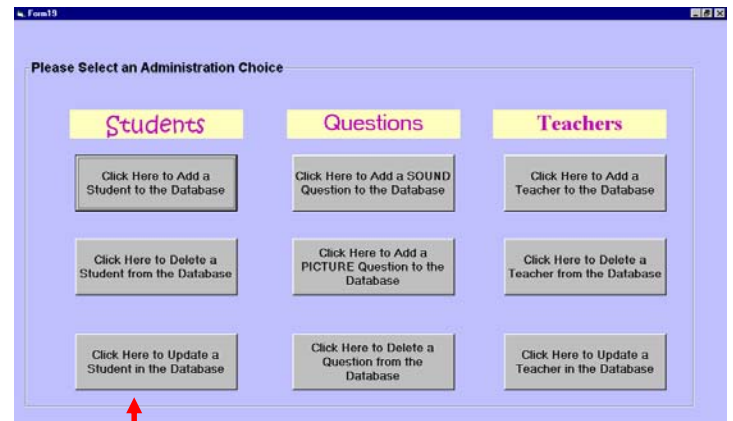


Score

Now try your best to get the highest score!

For Teachers

When the welcoming page opens, click on the Admin button to be taken to the administration choice page.



In this window, you have a choice of command buttons that navigate to forms allowing you to add, edit/update and delete data from the database. You can choose which action you would like to do by clicking the appropriate button.

These basic rules apply when you want to add, edit or delete teacher and question data too.

Adding a Student

After clicking on the Add a Student command button on the administration choice page, you are brought to the following screen

The screenshot shows a web form titled 'Add A Student' with a yellow header. The form has several input fields: PupilID (pre-filled with 103), Surname, Forename, Date of Birth, Class ID (a dropdown menu showing '3A'), and Contact Number. Below these fields is an 'Add' button and two return buttons: 'Return to the Administration Choice Page' and 'Return to Welcome Page'. Two red arrows point from text boxes to the form. The first arrow points to the PupilID field, and the second arrow points to the Date of Birth field.

Add a Student

PupilID 103

Surname

Forename

Date of Birth

Class ID 3A

Contact Number

Add

Return to the Administration Choice Page

Return to Welcome Page

The PupilID is automatically generated, so you do not have to enter any data here.

Please ensure all data is correctly entered before clicking 'Add'. The ClassID section is automatically generated from the database; so all classes should be entered to the database before this.

Once you click add, the pupil's details will automatically be transferred to the database. If you have discovered that you have entered a pupil's details wrongly, you can edit them using the update function.

Updating a Pupil

The screenshot shows a web form titled 'Updating a Student' with a light blue background. At the top, a green banner contains the title. Below it, the form is divided into two main sections. The left section, titled 'Select the pupil you want to update by choosing their Pupil ID', contains a list box with the values '100', '101', and '102'. Below this list box is a text input field with navigation arrows on either side. The right section, titled 'Updating a Student', contains a form with the following fields: 'Surname' (Dawson), 'Forename' (John), 'DOB' (15/12/86), 'Class' (3A), and 'Contact Number' (123456). Below these fields is a button labeled 'Update the Current Student'. At the bottom of the form are two buttons: 'Return to the Administration Choice Page' and 'Return to the Welcome Page'.

You can edit details that have already been added to the database, by typing in the changes to the textbox and clicking 'Update the Current Student'

Deleting a Student

If a child's details need to be deleted from the database e.g. if they left the school, you can use the 'Delete a Student' choice in the admin choice page to do this.

The screenshot shows a web form titled 'Deleting a Student' with a light blue background. At the top, a green banner contains the title. Below it, the form is divided into two main sections. The left section, titled 'Select the pupil you want to delete by choosing their Pupil ID Number', contains a list box with the values '100', '101', and '102'. Below this list box is a text input field with navigation arrows on either side. The right section, titled 'Deleting a Student', contains a form with the following fields: 'Surname' (Dawson), 'Forename' (John), 'DOB' (15/12/86), 'Class' (3A), and 'Contact Number' (123456). Below these fields is a button labeled 'Delete the Current Student'. At the bottom of the form are two buttons: 'Return to the Administration Choice Page' and 'Return to the Welcome Page'.

All the PupilID's of the children added to the database will appear here.

If you cannot remember the PupilID of the child you have to delete, you can scroll through all the pupil details using the arrows

When you are sure you have selected the correct child to be deleted, click this command button and the data will be erased from the database.

Troubleshooting Guide

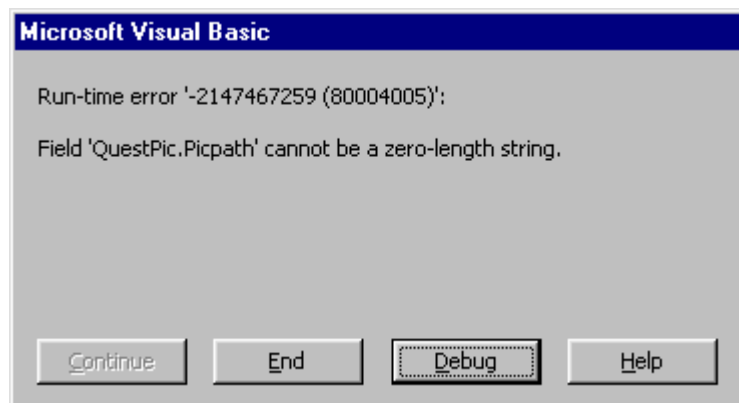
Here are some common problems that may occur when running the music-learning program;

1. My program will not run and I see the following error message;



This means that the **file protector is switched ON** in the computer you are using. You need to turn the file protector **OFF**, restart the computer, and try to enter the setup procedure again.

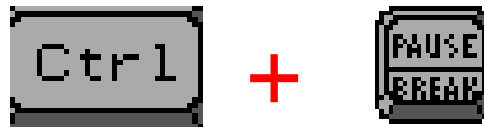
2. I received a 'Run time error' on screen whilst using the music-learning program, like the one shown below



First of all, if this message appears when you are trying to add, delete or edit data, please ensure that no textboxes are left empty. If the error still occurs, contact the program designer. (Details at end of user guide)

3. The program froze when I was in the middle of using it. What do I do?

Sometimes the visual basic program can 'freeze' (i.e. the buttons etc. cannot be used anymore on the screen). To rectify this, simply hold down the Control button on the keyboard, and then press the Break button on the keyboard at the same time. This will close the program down, and you can then restart it again.



3. I clicked the command button to print a certificate but it is not printing

There could be a number of problems when trying to print;

- Ensure the printer is switched on
- Is there ink available in the printer?
- Make sure the paper tray is loaded with paper

If any other problems are encountered, contact the program designer.

4. The sounds will not play in the program

For sound problems, you need to ensure that you have the correct hardware and software available for playing music/sounds. You may require the following components;

- Microsoft Media Player
- A Sound card installed

If any other problems are encountered, contact the program designer.

Program Designer Details

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Here is an e-mail address that you can forward any questions or queries to;

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